QUIZ

If you attempt to access a linked node and it returns **None**, what does it mean?

The node has no data.

There are no other nodes in the data structure.

No other nodes link to this node.

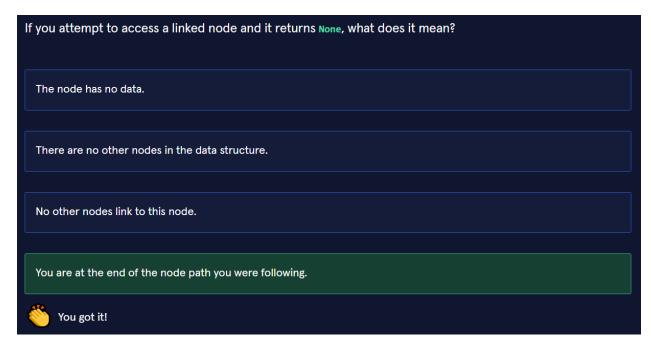You are at the end of the node path you were following.

👏 You got it!

Which of the following methods implemented in the `Node` class are required to establish a `Node` class with an accessible but immutable value?

```python
class Node:
  def __init__(self, value, link_node=None):
      self.value = value
      self.link_node = link_node
  def get_value(self):
   return self.value
  def get_link_node(self):
   return self.link_node
  def set_link_node(self, link_node):
   self.link_node = link_node
  def set_value(self, value):
   self.value = value
  def increment_value(self):
    self.value = self.value + 1
```

`.__init__()`, `.get_value()`, `.get_link_node()`, `.set_link_node()`, and `.increment_value()`

`.__init__()`, `.get_value()`, `.get_link_node()`, and `.set_link_node()`

👏 You got it!

Consider the following nodes and links: `a -> n -> t`. If you want to remove node `n`, but preserve node `t`, what are the steps you would take?

Remove the link on `n` using `n.set_link_node(None)`

Change the link on `a` to point to `t` using `t.set_link_node(a)`

Delete the link on `a` that points to `n` using `a.set_link_node(None)`

Change the link on `a` to point to `t` using `a.set_link_node(t)`

👏 You got it!